

<110> Conklin, Darrell C.

<130> 98-40

<170> FastSEQ for Windows Version 3.0

<211> 177

<213> Homo sapiens

<221> CDS

<400> 1

cgc gag agc tgc gag gat gcc tgc ccc gtg ccg 177  
Arg Glu Ser Cys Glu Asp Ala Cys Pro Val Pro  
50 55

<211> 59

<212> PRT

<213> Homo sapiens

<400> 2

Gly	Pro	Gly	Asp	Ala	Cys	Val	Leu	Pro	Ala	Val	Gln	Gly	Pro	Cys	Arg
1				5				10					15		
Gly	Trp	Glu	Pro	Arg	Trp	Ala	Tyr	Ser	Pro	Leu	Leu	Gln	Gln	Cys	His
		20					25					30			
Pro	Phe	Val	Tyr	Gly	Gly	Cys	Glu	Gly	Asn	Gly	Asn	Asn	Phe	His	Ser
	35					40					45				
Arg	Glu	Ser	Cys	Glu	Asp	Ala	Cys	Pro	Val	Pro					
50						55									

<210> 3

<211> 51

<212> PRT

<213> Artificial Sequence

<220>

<223> Kunitz motif

<221> VARIANT

<222> (2)...(2)

<223> Xaa is any residue except Asp, Cys, Gly, His, Met, Pro or Trp

<221> VARIANT

<222> (3)...(3)

<223> Xaa is Leu, Glu, Met, Gln, Phe, Ser, Thr, Ala or Pro

<221> VARIANT

<222> (4)...(4)

<223> Xaa is any residue except Arg, Cys, Met, Phe, Trp, Tyr or Val

<221> VARIANT

<222> (5)...(5)

<223> Xaa is any residue except Asn, Cys, Gln, Gly, Phe, Ser, Thr or Trp

<221> VARIANT

<222> (6)...(6)

<223> Xaa is Arg, Glu, Asn, Ala, Val, Asp, Lys, Ser, Tyr

FOOTNOTES

or Met

<221> VARIANT

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<221> VARIANT

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<223> Xaa is Gly or Glu

<221> VARIANT

<222> (9)...(9)

<223> Xaa is Pro, Arg, Leu, Val, Ser, Asp, Ile, Asn or Thr

<221> VARIANT

<222> (11)...(11)

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<221> VARIANT

<222> (12)...(12)

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<223> Xaa is any residue except Asp, Cys, Glu, Pro or Thr

<221> VARIANT

<222> (14)...(14)

<223> Xaa is any residue except Arg, Asn, Cys, Gly, His, Ser, Trp or

Tyr

<221> VARIANT

<222> (15)...(15)

<223> Xaa is any residue except Ala, Asp, Cys, Gly, His, Met, Trp or

Tyr

<221> VARIANT

<222> (16)...(16)

<223> Xaa is Ser, Ala, Arg, Val, Gln, Lys, Leu, Gly or Ile

100-195 "100-195"

<221> VARIANT  
<222> (17)...(17)  
<223> Xaa is Phe, Tyr, Ile, Trp or Leu

<221> VARIANT  
<222> (18)...(18)  
<223> Xaa is Tyr, His, Phe, Trp, Asn or Ala

<221> VARIANT  
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<223> Xaa is Tyr or Phe

<221> VARIANT  
<222> (20)...(20)  
<223> Xaa is Lys, Asn, Ser or Asp

<221> VARIANT  
<222> (21)...(21)  
<223> Xaa is any residue except Asp, Cys, Glu, His or Tyr

<221> VARIANT  
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<223> Xaa is any residue except Cys, Met, Pro or Trp

<221> VARIANT  
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<223> Xaa is Ala, Lys, Ser, Leu, Thr, Ile, Gln, Glu, Tyr or Val

<221> VARIANT  
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<223> Xaa is Lys, Gln, Asn, His, Gly, Arg or Met

<221> VARIANT  
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Tyr or Val

<221> VARIANT  
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<223> Xaa is any residue except Cys, Gly, Phe, Pro, Ser or Trp

<221> VARIANT  
<222> (28)...(28)

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<221> VARIANT  
 <222> (40)...(40)  
 <223> Xaa is Arg, Asn, Lys, Gln or Val

<221> VARIANT  
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 <223> Xaa is Phe, Tyr or Asp

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 <223> Xaa is any residue except Cys, Gln, Gly, Phe or Trp

<221> VARIANT  
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<221> VARIANT  
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 Tyr or Val

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<400> 3



<212> PRT

<213> Artificial Sequence

<220>

<223> Glu-Glu tag

<400> 6

Glu Tyr Met Pro Met Glu  
1 5

<210> 7

<211> 4

<212> PRT

<213> Artificial Sequence

<223> Thrombin cleavage site

<400> 7

Leu Val Pro Arg  
1